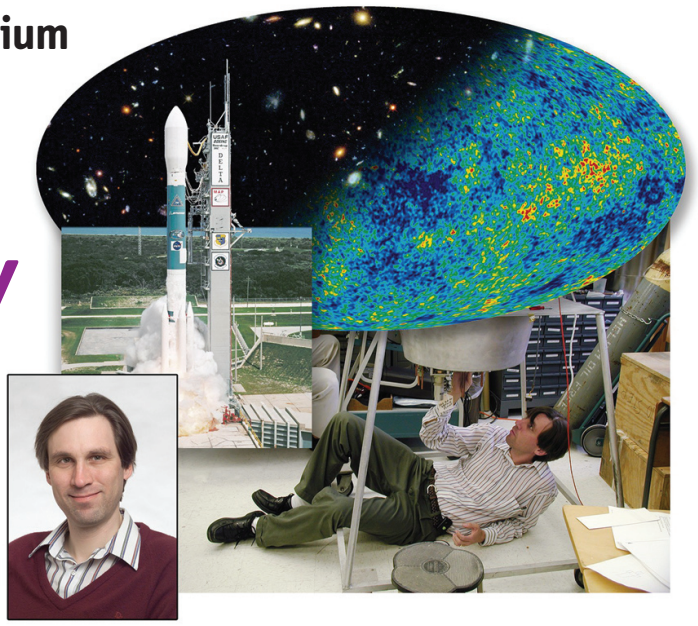
Eyes on the Sky

Public Lecture Series, February 10–May 12, 2005

7 pm, Thursday, March 10
NASA Goddard Visitor Center Auditorium

The Great Time Machine in the Sky



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Abstract

Why does the universe look the way it does? What is all that stuff out there, where did it all come from, and what will happen to it? Imagine how much better we could answer such questions if only we had a time machine that allowed us to peer into the distant past. Amazingly, such a thing exists. The light emitted at the Big Bang still permeates the universe and carries imprinted in it a fossil record of the earliest moments of the universe. Analyzing this ancient light answers fundamental questions about the shape, content, and perhaps even the ultimate fate of the universe.

Short Biographical Sketch

Growing up in Philadelphia, Al Kogut could barely even see the stars, but he knew they were there. Planetarium visits gave a first glimpse of what might be possible to learn from the cosmos. He has spent the last two decades building instruments to measure the light from the Big Bang, moving from rooftop observations to mountain observatories, high-altitude balloons, and deep space missions.

Shuttle Bus Service from College Park Metro Station will be available at 6:15 pm.
Please check website for details. To request a sign language interpreter please call 301-286-8313.

Admission is free. Please RSVP online to reserve a spot.
http://university.gsfc.nasa.gov/eyesonthesky/
For questions contact us by phone at 301-286-2893/ 9690.

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"Eyes On the Sky" is a public lecture series featuring some of the world's leading scientists and NASA's cutting-edge scientific endeavors to answer some of the most profound questions about our universe.